

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Unit (Non High-Rise)

LISTEE: Harrington Signal Inc., 2519 4th Avenue, Moline, IL 61265
Contact: Andrew Keller (309) 762-0731 FAX (309) 762-8215

DESIGN: Models HS-3100R and HS-3200R fire alarm control units. Models may be followed by R (120 VAC input, red), B (120 VAC input, beige), R2 (240 VAC input, red), or B2 (240 VAC input, beige). Local, auxiliary, remote station (PPU), and central station. Refer to listee's data sheet for additional detailed product description and operational considerations.
System components:

HS12VAC	Expansion Transformer 120VAC
HR3LD8	LED Annunciator Module
HR3NC2	NAC Expander
HR3RL4	Relay Expander Module
HR3CTYB	Reverse Polarity/Municipal Box Module
HR3DL	Dialer Module (DACT)

RATING: R or B = 120VAC, 60 Hz, 2 A
R2 or B2 = 240VAC, 50 Hz, 1 A

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical ratings, and UL Label

APPROVAL: Listed as a fire alarm control unit for use with separately listed compatible initiating and indicating devices. Refer to listee's Installation Instruction Manual for details

These control units do not generate a temporal pattern signal. If the distinctive three-pulse Temporal Pattern Fire Alarm Evacuation Signal (for total evacuation) per NFPA 72, 1999 Edition is required, the control unit must be used with audible appliances that can generate the temporal pattern signal.

NOTE: For **Fire Alarm Verification Feature** (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 seconds.

XLF: 7165-1429:119

07-31-03KK



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JULY 31, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**